



THE REPUBLIC OF UGANDA

# UGANDA EXAMINATIONS BOARD

CONTINUOUS ASSESSMENT EXAMINATION TERM II, 2024

## PRIMARY SEVEN MATHEMATICS

*Time Allowed: 2 hours 30 minutes*

Random Number	Personal Number

Candidate's Name:.....

Candidate's Signature:.....

School Name:.....

District:.....

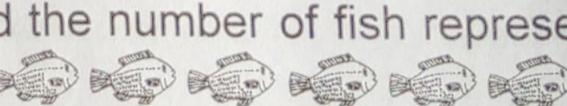
Read the following instructions carefully:

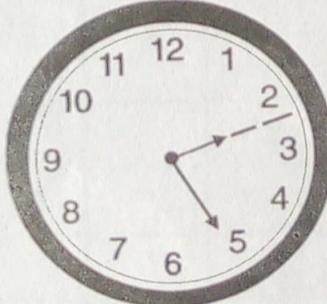
1. This paper is made up of **two Sections: A and B.**
2. Section A, has **20 short-answer questions (40 marks)** and Section B has **12 questions (60 marks)**
3. All the working for both sections A and B must be shown in the spaces provided.
4. All working must be done using a blue or black ball-point pen or fountain pen. Only diagrams should be done in pencil.
5. No calculators are allowed in the examination room.
6. Unnecessary alteration of work may lead to loss of marks.
7. Any handwriting that cannot easily be read may lead to loss of marks.
8. Do not fill anything in the boxes indicated "**For examiners' use only**"

FOR EXAMINER'S USE ONLY		
Qn. No.	Marks	Exrs' No.
1 - 5		
6 - 10		
11 - 15		
16 - 20		
21 - 22		
23 - 24		
25 - 26		
27 - 28		
29 - 30		
31 - 32		
<b>TOTAL</b>		

**SECTION A: (40 Marks)**

**Answer all questions in section A. Each question carries 2 marks.**

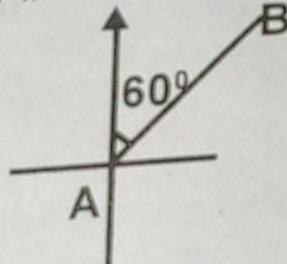
- |  |  |
|--|--|
| 1. Work out: $53 + 26$ .   | 6. Calculate the simple interest on Sh.700,000 at a rate of 4% per annum in 2 years.   |
| 2. Simplify: $+2 - +9$ .   | 7. The cost of 3 pens is sh.21000. Find the cost of 7 similar pens at the same rate.   |
| 3. Express 20024 in words.   | 8. A water tank contains 624.5 litres of water. Write this number in standard form.  |
| 4. Uganda got her independence in 1962.<br>Write the year in Roman numerals. | 9. In a class, 56% of the pupils are girls. Find the percentage of boys.   |
| 5. Write the evening time shown on clock face in 24 hour clock system.       | 10. Given that  represents 629 fish. Find the number of fish represented by  . |



11. Simplify using distributive property.  
 $(90 \div 8) - (50 \div 8)$ .

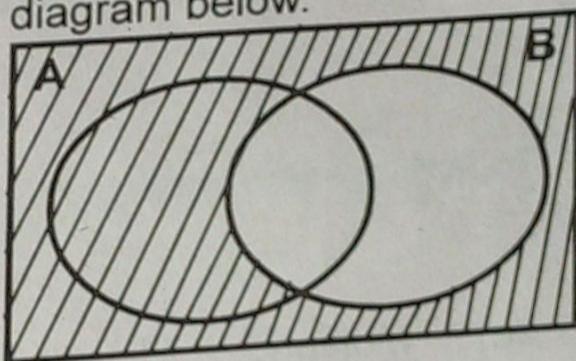
16. Workout:  $2 - 4 = \dots$  (Finite 5).

12. Find the bearing of B from A.



13. The circumference of a circle is 88cm. Find its radius.

17. Find the shaded part on the venn diagram below.

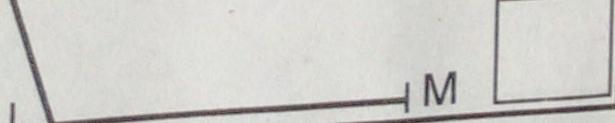


14. A bus has to travel a distance of 80km. If it covers  $\frac{7}{10}$  of the journey. What distance remains?

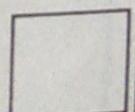
19. Atim is 9 years older than Akiiki. If their total age is 29 years, how old is Akiiki?

15. Bisect angle KLM using a pair of compasses, a sharp pencil and a ruler.

K

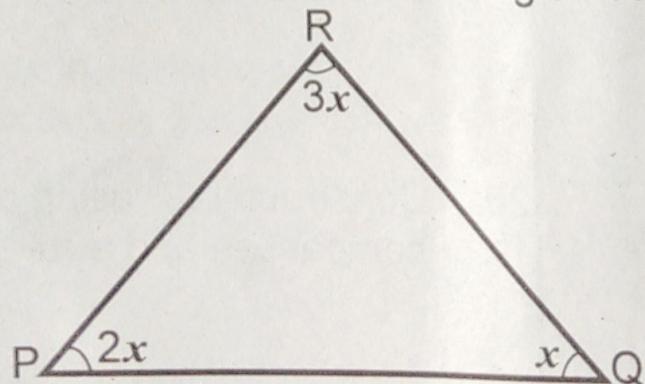


20. Construct  $120^\circ$  using a pair of compasses and a ruler only.

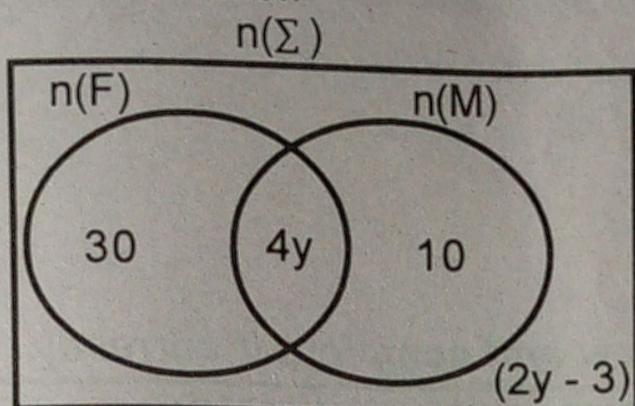


**SECTION B: (60 Marks)**

21. (a) Find the place value of 3 in  $234_{\text{five}}$ . (1mark)
- (b) What number comes after  $11_{\text{two}}$ ? (2marks)
- (c) Multiply:  $11_{\text{two}} \times 11_{\text{two}}$ . (2marks)
- 12
22. (a) Calculate the complement of  $66^{\circ}$ . (2marks)
- (b) Find the actual size of angle PRQ. (3marks)



23. The venn diagram shows number of people who like Fish (F), Meat (M), both or neither.



- (a) If 7 people like neither, find the value of  $y$ . (2marks)

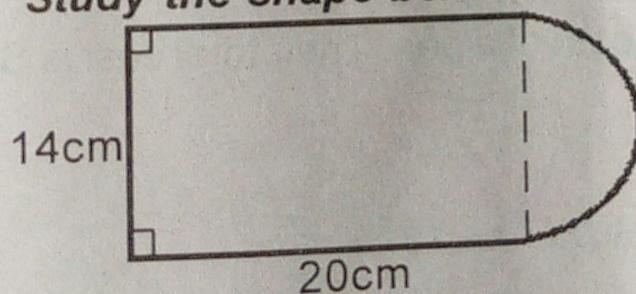
- (b) How many people like both fish and meat? (2marks)

- (c) Find the total number of people. (2marks)

24. (a) Simplify:  $\frac{0.4 + 0.8}{0.03 \times 0.2}$  (3marks)

- (b) Express  $0.5454\dots\dots$  as a simple fraction. (2marks)

25. Study the shape below correctly.



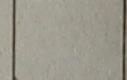
- (a) Calculate its area. (3marks)

(2marks)

- (b) Find the distance round the shape.

26. Study the shopping bill below and complete it correctly. (5marks)

ITEM	QUANTITY	UNIT COST	AMOUNT
Baking flour	2 packets	Sh. 6,000 @	Sh. _____
Sugar	3kg	Sh. _____	Sh. 15,000
Beans	500g	Sh. 4,000 @	Sh. _____
Soap	_____ bars	Sh. 5,500 @	Sh. 11,000
<b>TOTAL EXPENDITURE</b>			Sh. _____



27. (a) If  $a = -3$  and  $b = 6$ , find the value of  $a^2 + b$ .

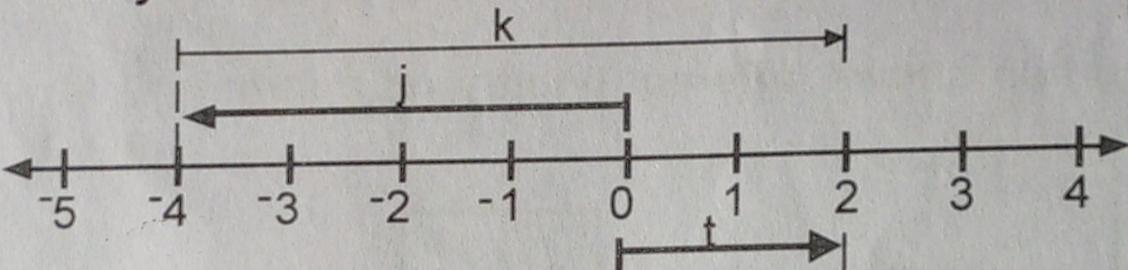
(2marks)

- (b) The cost of a book is 2 times the cost of a pen. Their total cost is Sh. 2400.  
Find the cost of the book.

(3marks)

28. A motorcyclist travelled from his farm to the city at a speed of 40km/hr in  $2\frac{1}{2}$  hours. While returning, he travelled for  $1\frac{1}{2}$  hours.
- (a) Find the distance from the farm to the city. (2marks)
- (b) Calculate the average speed for the journey. (3marks)

29. Study the numberline and answer questions that follow.



- (a) Write the integers shown by the letters. (3marks)
- (i)  $j =$  \_\_\_\_\_
- (ii)  $k =$  \_\_\_\_\_
- (iii)  $t =$  \_\_\_\_\_
- (b) State the mathematical statement shown. (2marks)

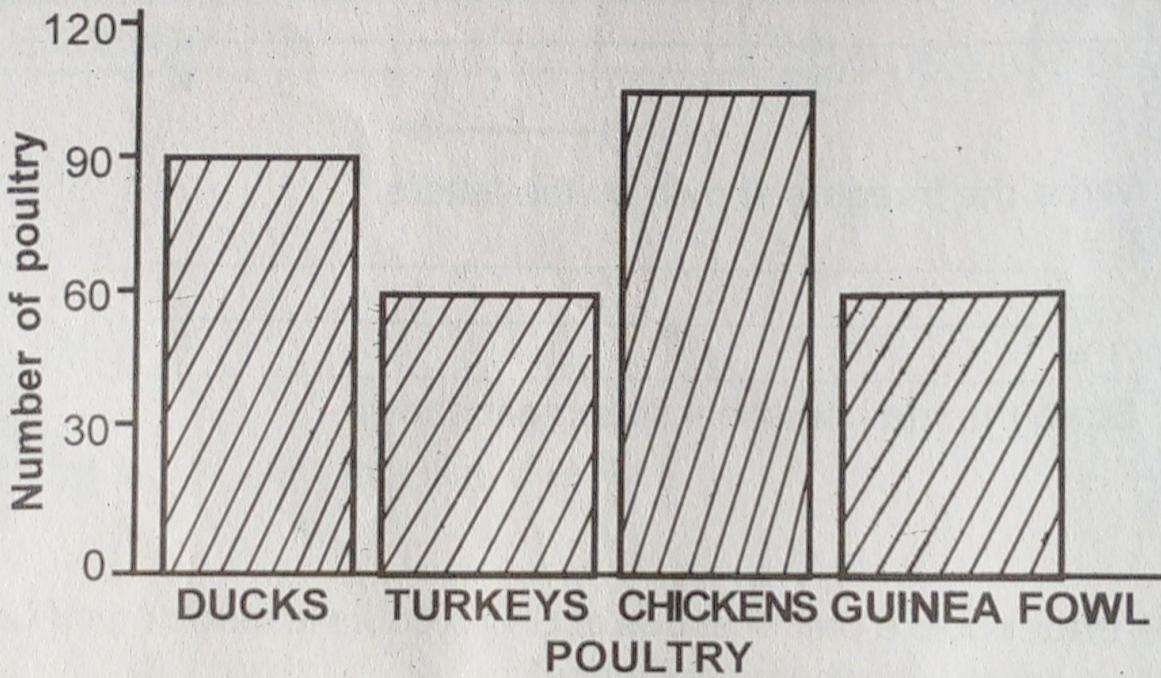
30. A trader sold a pair of shoes at Sh.15,000. He made a profit of Sh.3,000.
- (a) How much was the buying price? (2marks)

- (b) Calculate the percentage profit. (2marks)

31. (a) Using a pair of compasses, a ruler and a sharp pencil, construct a square KLMN such that  $KL = 6\text{cm}$ . (4marks)
- 21.20  
26.0  
24.1*

- (b) Measure KM. (1mark)

32. *The graph shows different poultry on a farm.*



- (a) Which type of poultry has the same number? (2marks)
- (b) How many chickens are they? (1mark)
- (c) Find the total number of poultry. (2marks)

\*\*END\*\*\*